

CHIP SYSTEMS FOR THE CONTROLLED EMISSION
OF SUBSTANCES HAVING A CHEMOSENSORY EFFECT

ABSTRACT OF THE DISCLOSURE

5 A biological chemosensorial reaction can be produced using a process and a chip
system for the controlled emission of a substance or a mixture of substances that work
chemosensorially. The chip system emits, in a controlled as well as programmable manner,
the substance or a mixture of substances that trigger a biochemical transduction at a
chemosensory receptor for a neuronally transmitted signal to a specific structure of the central
10 nervous system. The new process and its devices render numerous new applications possible
within the medical and biological areas for chemosensorially active substances.

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